

Preliminary Classification:

Proposed Class: 424

Subclass:

03917 US PTO  
10/692643

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Mail Stop Patent Application**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria VA 22313-1450**

**NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of

Inventor(s): Jaime L. Masferrer

For (title): ANTIANGIOGENIC COMBINATION THERAPY FOR THE TREATMENT OF CANCER

**1. Type of Application**

This application is for a divisional.

**2. Benefit of Prior U.S. Application (35 U.S.C. §§ 119(e), 120, or 121)**

The new application being transmitted claims the benefit of prior U.S. application. Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.

**EXPRESS MAILING UNDER 37 C.F.R. § 1.10\***

(Express Mail label number is mandatory.)

(Express Mail certification is optional)

I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on this date October 24, 2003 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 as "Express Mail Post Office to Addressee" Mailing Label No. EL999246531US.

Date: October 24, 2003

Type or print name of person mailing paper  
Deborah Anne Weiner

Signature of person certifying

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\***WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).

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**3. Papers Enclosed**

A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application

259 Page(s) of Specification (incl. claims)  
13 Page(s) of Claims

**B. Other Papers Enclosed**

1 Page(s) of abstract  
1 Page(s) of Title Page  
1 Page(s) of Express Mail Certificate  
1 Page(s) of Fee Transmittal  
4 Page(s) of New Application Transmittal  
4 Page(s) of Patent Application Data Sheet  
1 Page(s) of Check No. 23584 for \$996.00  
1 Page(s) of Return Postcard

**4. Declaration or Oath**

Not Enclosed.

Application is made by a person authorized under 37 C.F.R. § 1.41(c) on behalf of the above-named inventor.

**5. Inventorship Statement**

The inventorship for all the claims in this application is the same.

**6. Language**

English

**7. Fee Calculation (37 C.F.R. § 1.16)**

Regular Application

CLAIMS AS FILED								
							Basic Fee	37 C.F.R. § 1.16(a)
Number Filed		Number Extra			Rate			
							\$770.00	
Total								
Claims (37 C.F.R. § 1.16(c))	23	-	20	=	3	x \$ 18.00	= \$ 54.00	
Independent	5	-	3	=	2	x \$ 86.00	= \$ 172.00	

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Claims (37 C.F.R §  
1.16(b))

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Multiple Dependent Claim(s), if any (37 C.F.R § 1.16(d))	\$ 280.00	\$ 0.00
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Filing Fee Calculation	\$996.00
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**8. Fee Payment Being Made at This Time**

Enclosed

Filing Fee	\$996.00
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<b>Total Fees Enclosed</b>	<b>\$996.00</b>
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**9. Method of Payment of Fees**

Attached is Check No. 23584 in the amount of \$996.00.

Charge any additional fees required by this paper or credit any overpayment to Account No. 50-2548.

A duplicate of this paper is attached.

**10. Instructions as to Overpayment**

Credit Account No. 50-2548.

**ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S.  
APPLICATION CLAIMED  
(37 C.F.R. § 1.78)**

**11. Relate Back**

**A. 35 U.S.C. Sections 120, 121 and 365(c)**

This application is a divisional of United States Patent Application Serial No. 09/843,132, filed April 25, 2001, which was a continuation in part of Application Serial No. 09/470,951, filed December 22, 1999, which was a non-provisional of Provisional Application Serial No. 60/113,786, filed December 23, 1998, and benefits from the priority of each of these applications.

**12. Maintenance of Copendency of Prior Application**

No conditional petition for extension of time is required in the pending prior application.

**13. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed**

- (a) This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor in this application is the same.

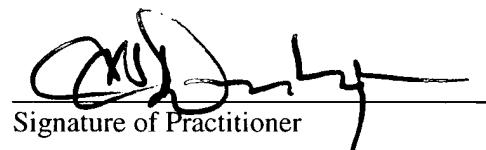
**14. NOTIFICATION IN PARENT APPLICATION OF THIS FILING**

A notification of the filing of this divisional is being filed in the parent application, from which this application claims priority under 35 U.S.C. § 120.

Date: October 24, 2003

Reg. No.: 35,124

Tel. No.: 864-250-2238



Signature of Practitioner

Charles E. Dunlap  
Nelson Mullins Riley & Scarborough  
P.O. Box 11070  
Columbia, SC 29211-1070

102403  
16562 U.S. PTO

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL

## for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 996.00)

## Complete if Known

Application Number	Not Assigned Yet
Filing Date	October 24, 2003
First Named Inventor	Jaime L. Masferrer
Examiner Name	Not Assigned Yet
Art Unit	Not Assigned Yet
Attorney Docket No.	18438/09091

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

 Deposit Account:

Deposit Account Number	50-2548
Deposit Account Name	

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	770
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 770.00)	

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	23	-20** =	3	x	18	=	54	Fee from Extra Claims below	Fee Paid
Independent Claims	5	- 3** =	2	x	86	=	172		
Multiple Dependent									

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205. 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 226.00)

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

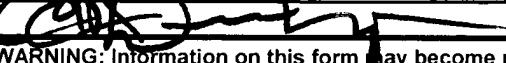
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Charles E. Dunlap	Registration No. (Attorney/Agent)	35,124	Telephone	864-250-2238
Signature				Date	October 24, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Jaime L. Masferrer

Application No

Group No.:

Filed: 10/21/2003

Examiner:

For: ANTIANGIOGENIC COMBINATION THERAPY FOR THE TREATMENT OF CANCER

**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**EXPRESS MAIL CERTIFICATE**

"Express Mail" label number **EL999246531US**

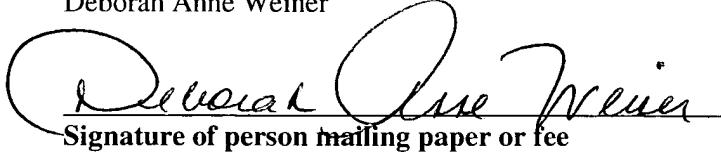
Date of Deposit **10/24/03**

I hereby state that the following *attached* paper or fee

1. Fee Transmittal (1 page)
2. New Application Transmittal with Added Pages for Application Transmittal Where Benefit of Prior US Applications Claimed w/duplicate (4 pages each)
3. Patent Application Data Sheet (4 pages)
4. Divisional Patent Application w/ Title Page and Abstract (261 pages)
5. Check No. 23584 for \$996.00 (1 page)
6. Return Postcard (1 page)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Deborah Anne Weiner



The image shows a handwritten signature in black ink. The name "Deborah" is written in a cursive script, followed by a thin horizontal line, and then "Anne" and "Weiner" in a similar script. The signature is fluid and personal.

Signature of person mailing paper or fee